

4.2.H. 0604000108 (Beech River).

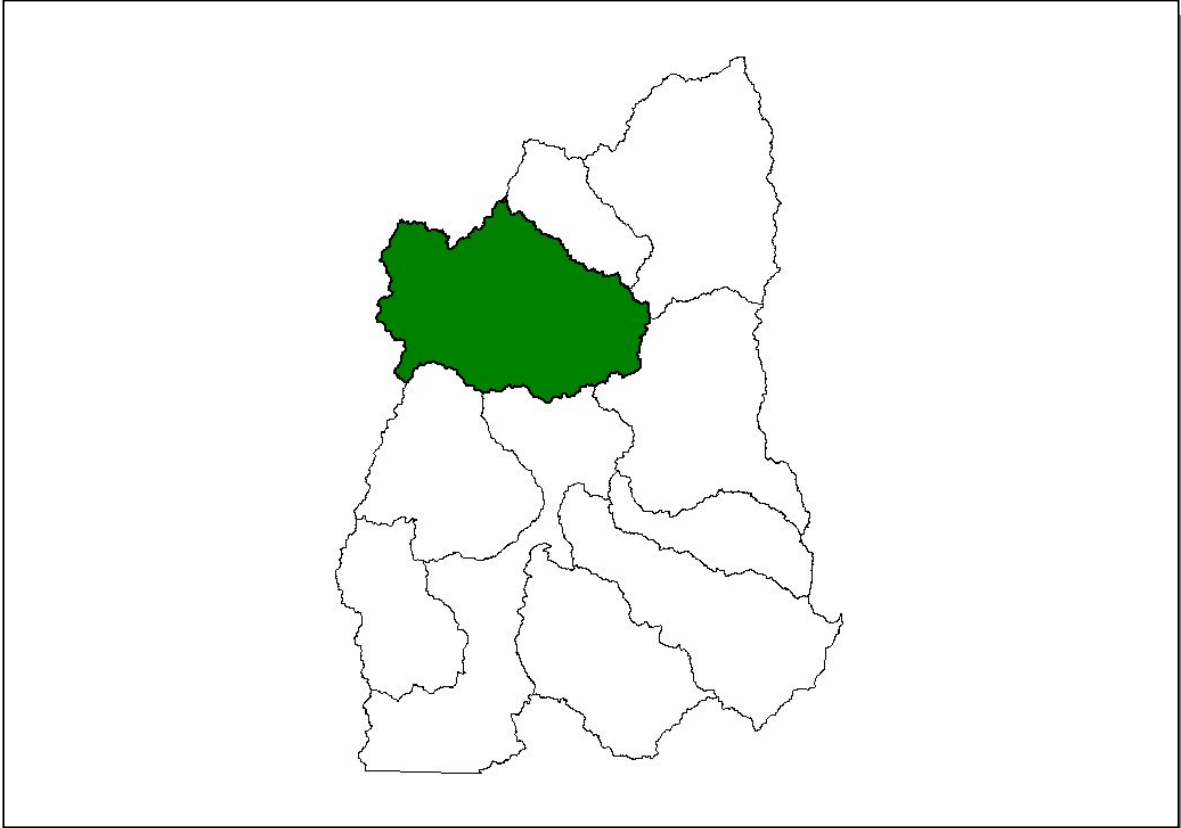


Figure 4-78. Location of Subwatershed 0604000108. All Tennessee Western Valley (Beech River) HUC-10 subwatershed boundaries in Tennessee are shown for reference.

4.2.H.i. General Description.

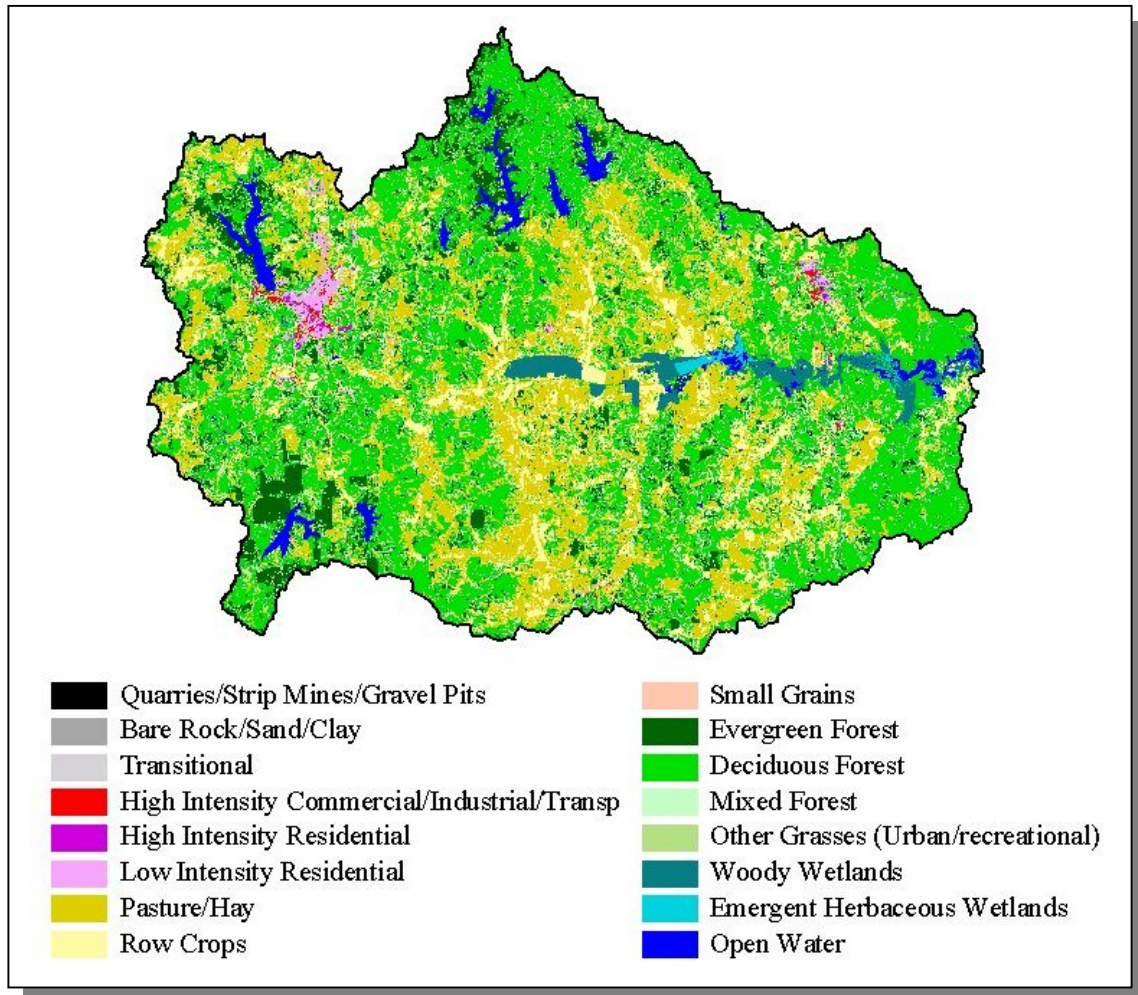


Figure 4-79. Illustration of Land Use Distribution in Subwatershed 0604000108.

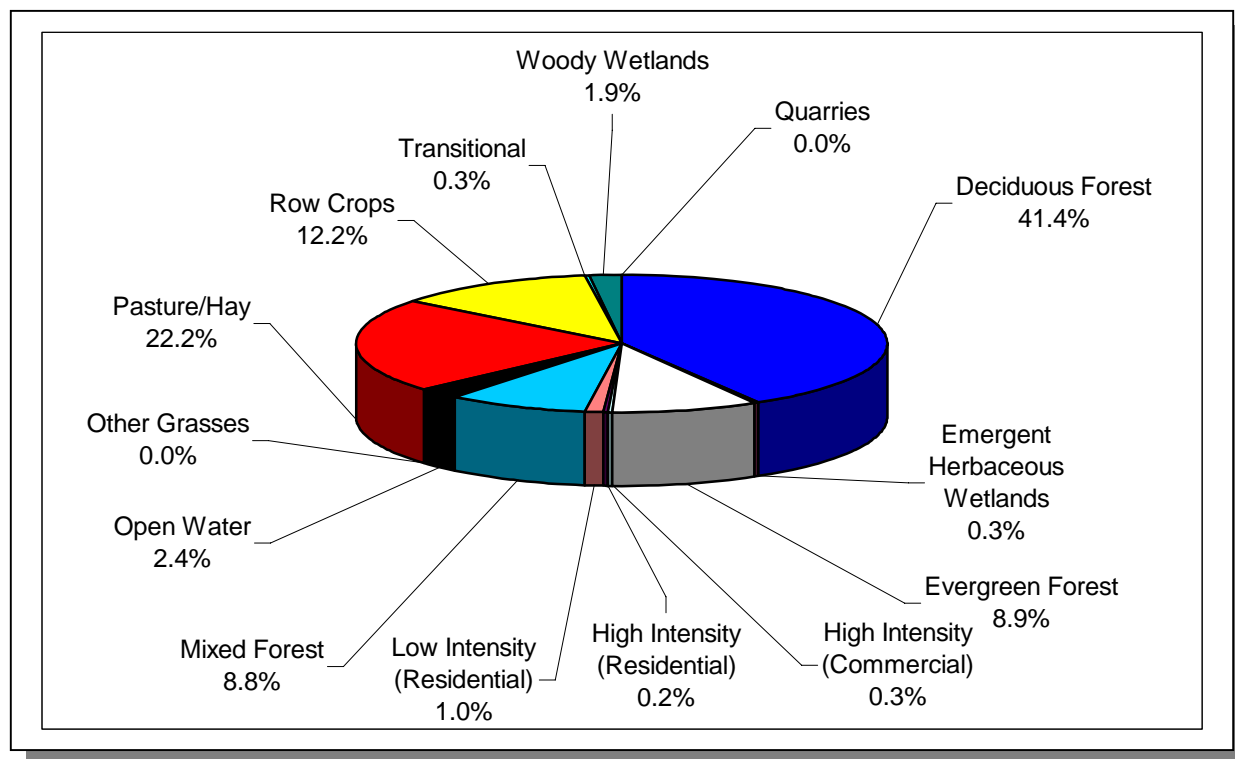


Figure 4-80. Land Use Distribution in Subwatershed 0604000108. More information is provided in Appendix IV.

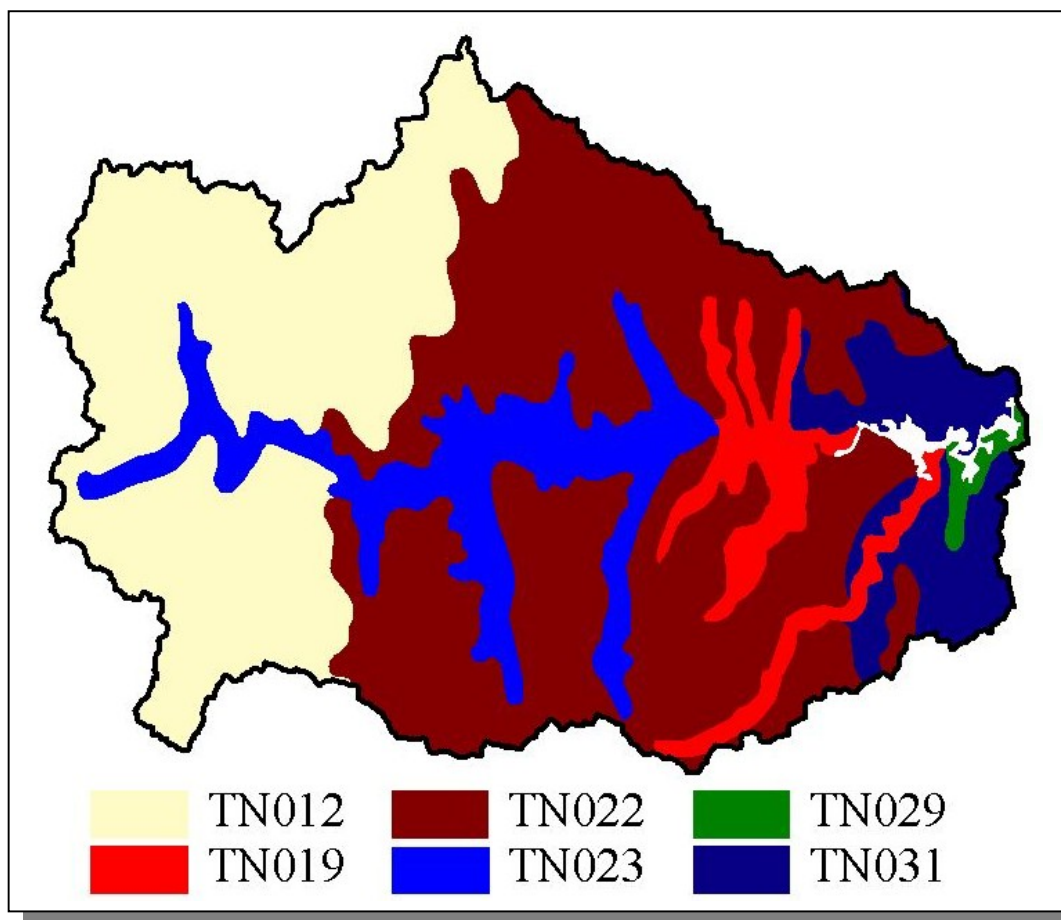


Figure 4-81. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0604000108.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hr)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN012	1.00	C	2.52	5.13	Silty Loam	0.39
TN019	62.00	C	1.54	4.76	Loam	0.26
TN022	5.00	C	1.98	5.07	Loam	0.37
TN023	17.00	C	1.35	5.12	Silty Loam	0.42
TN029	8.00	C	2.96	5.40	Loam	0.33
TN031	0.00	C	3.27	4.88	Loam	0.33

Table 4-48. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0604000108. More information is provided in Appendix IV.

County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-1997)
	1990	1997	2000		1990	1997	2000	
Decatur	10,472	10,799	11,731	26.01	2,724	2,809	3,051	12.0
Henderson	21,844	24,000	25,522	40.2	8,782	9,648	10,260	16.8
Totals	32,316	34,799	37,253		11,506	12,457	13,311	15.7

Table 4-49. Population Estimates in Subwatershed 0604000108.

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Decaturville	Decatur	863	378	312	64	2
Lexington	Henderson	5,810	2,612	2,476	125	11
Parsons	Decatur	2,033	928	698	226	4
Scott's Hill	Henderson	611	297	12	278	7
Total		9,317	4,215	3,498	693	24

Table 4-50. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 0604000108.

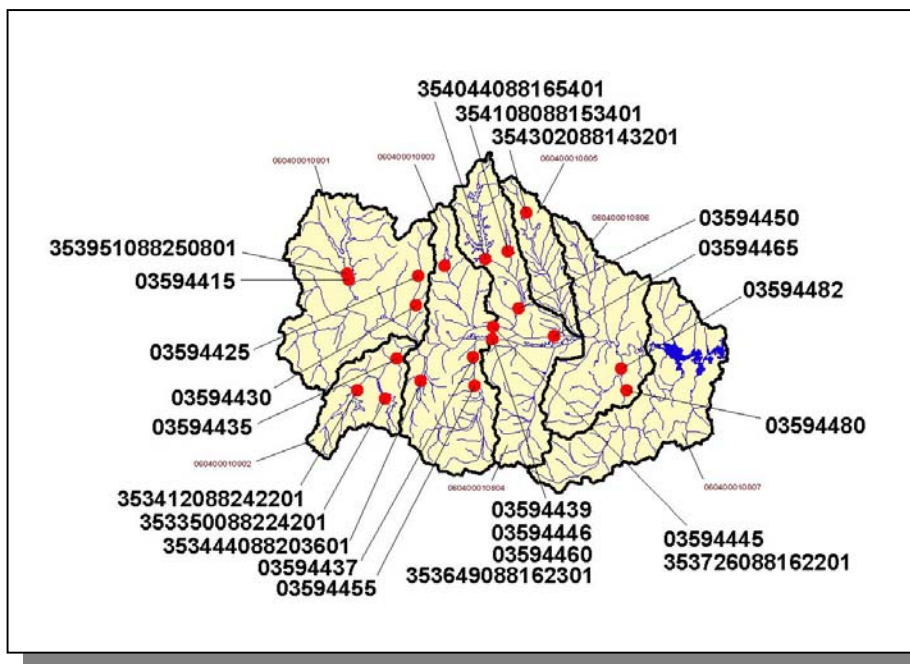


Figure 4-82. Location of Historical Streamflow Data Collection Sites in Subwatershed 0604000108. Subwatershed 060400010801, 060400010802, 060400010803, 060400010804, 060400010805, 060400010806 and 060400010807 boundaries are shown for reference. More information is provided in Appendix IV.

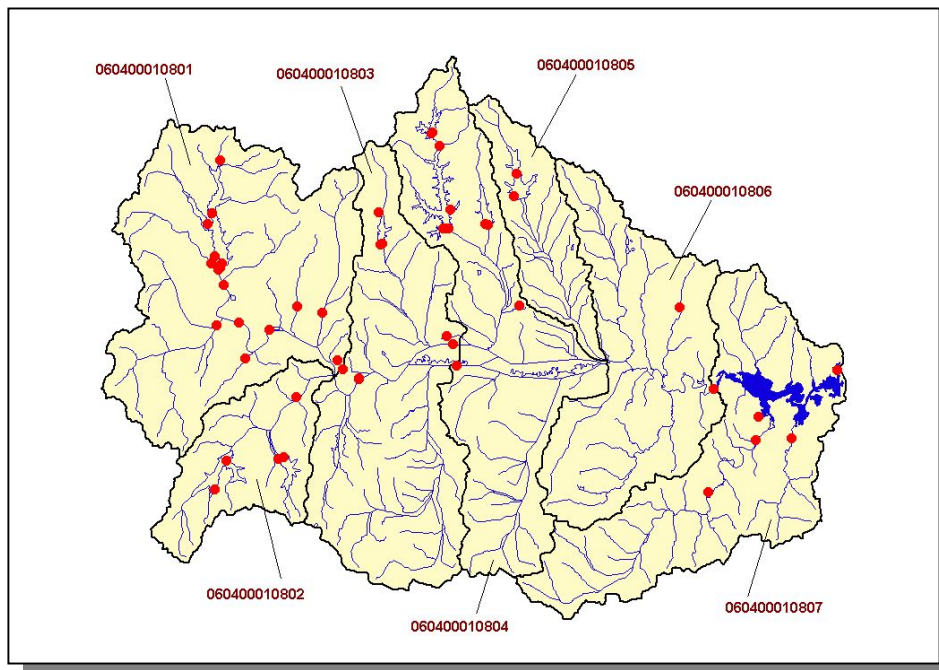


Figure 4-83. Location of STORET Monitoring Sites in Subwatershed 0604000108. Subwatershed 060400010801, 060400010802, 060400010803, 060400010804, 060400010805, 060400010806 and 060400010807 boundaries are shown for reference. More information, including site names and locations, is provided in Appendix IV.

4.2.H.ii. Point Source Contributions.

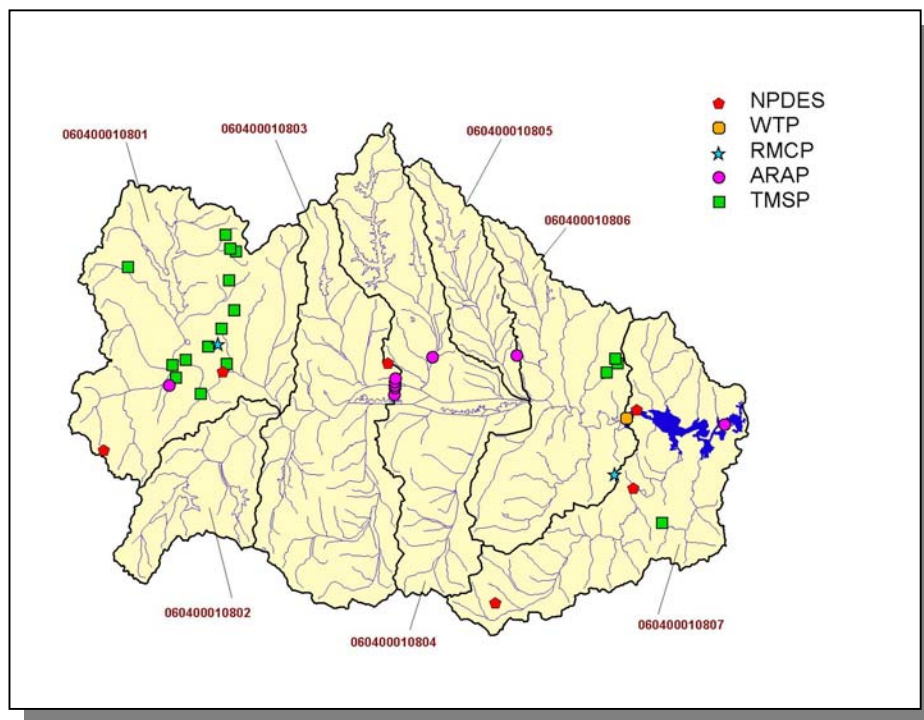


Figure 4-84. Location of Active Point Source Facilities in Subwatershed 0604000108. Subwatershed 060400010801, 060400010802, 060400010803, 060400010804, 060400010805, 060400010806, and 060400010807 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

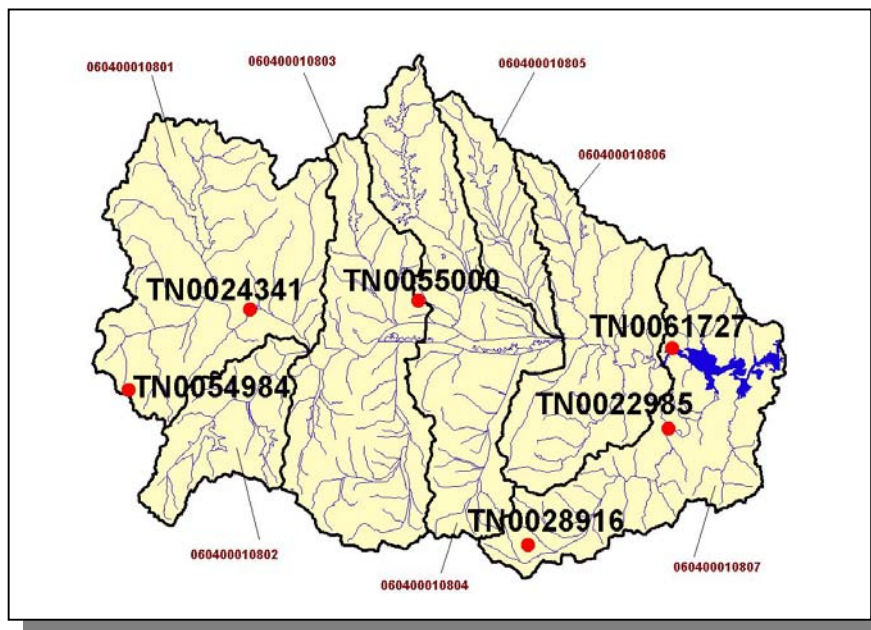


Figure 4-85. Location of NPDES Facilities in Subwatershed 060400010808. Subwatershed 060400010801, 060400010802, 060400010803, 060400010804, 060400010805, 060400010806, and 060400010807 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

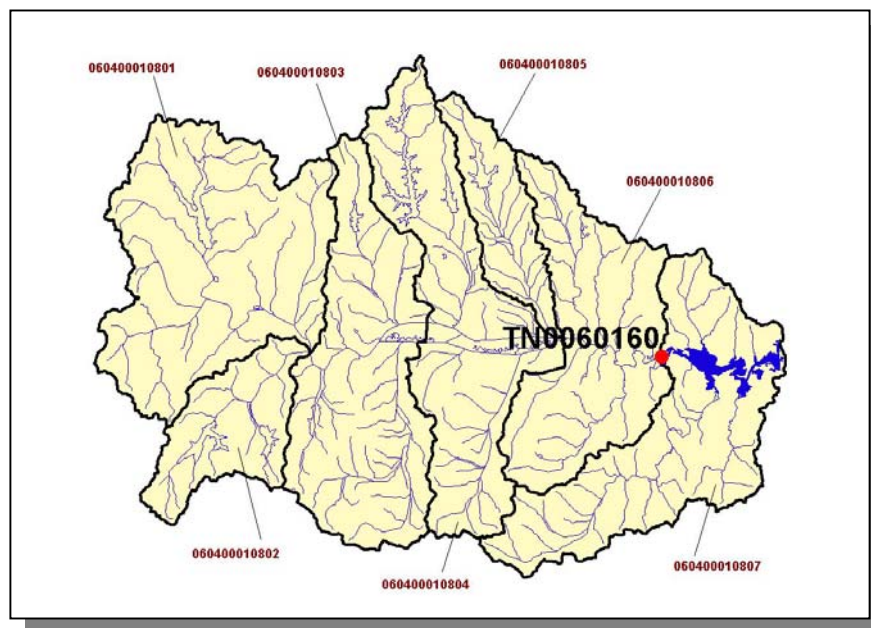


Figure 4-86. Location of Water Treatment Plants in Subwatershed 060400010808. Subwatershed 060400010801, 060400010802, 060400010803, 060400010804, 060400010805, 060400010806, and 060400010807 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

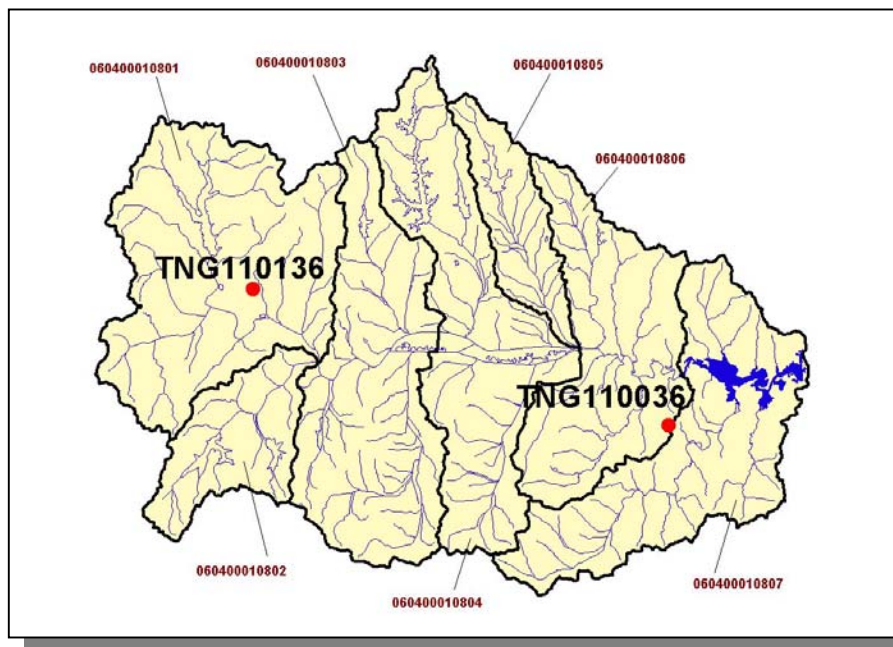


Figure 4-87. Location of Ready Mix Concrete Plants in Subwatershed 060400010808. Subwatershed 060400010801, 060400010802, 060400010803, 060400010804, 060400010805, 060400010806, and 060400010807 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

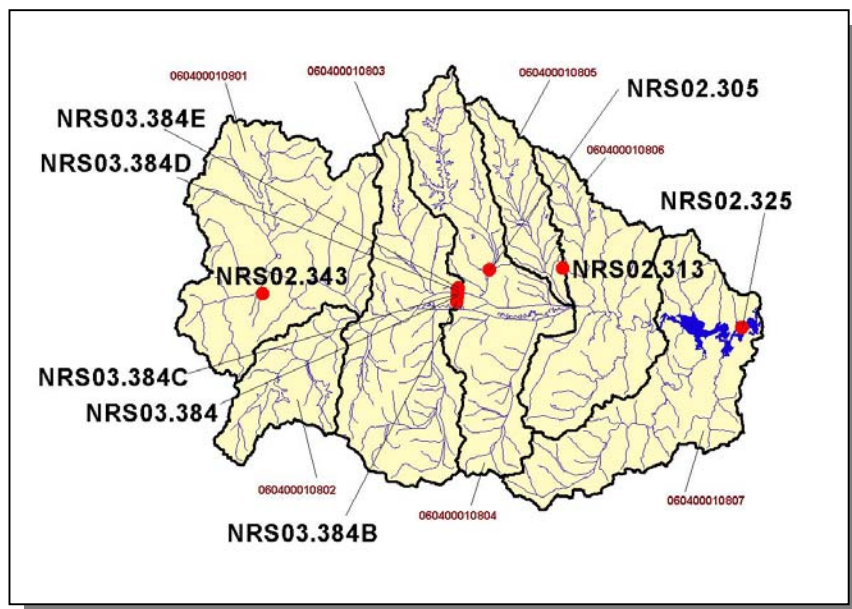


Figure 4-88. Location of ARAP Sites (Individual Permits) in Subwatershed 060400010808. Subwatershed 060400010801, 060400010802, 060400010803, 060400010804, 060400010805, 060400010806, and 060400010807 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

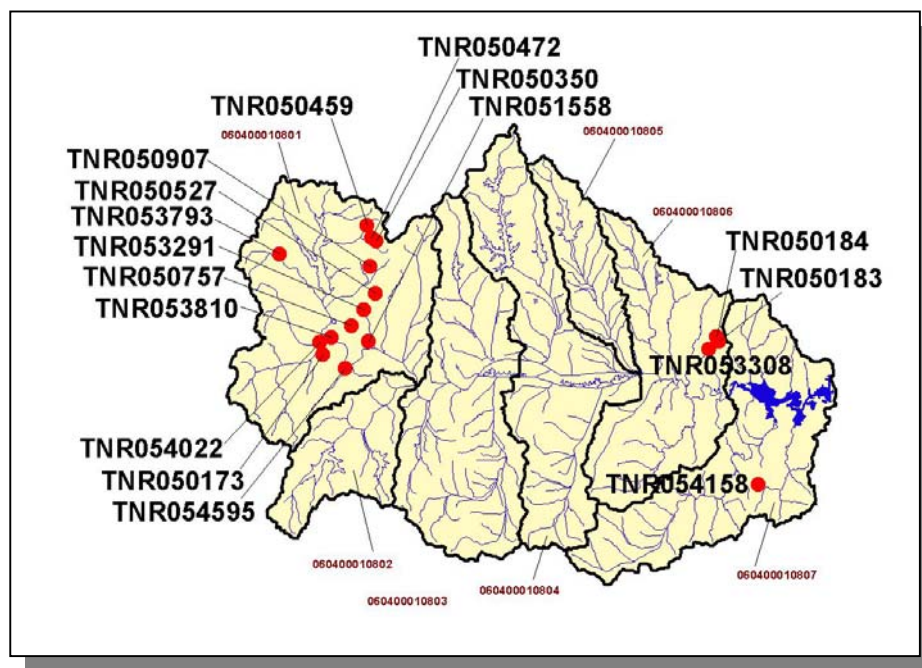


Figure 4-89. Location of TMSP Facilities in Subwatershed 0604000108. Subwatershed 060400010801, 060400010802, 060400010803, 060400010804, 060400010805, 060400010806, and 060400010807 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

4.2.H.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Chickens Sold	Hogs	Sheep
8,349	17,878	33	17	<5	5,999	121

Table 4-51. Summary of Livestock Count Estimates in Subwatershed 0604000108. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Henderson	158.5	158.5	3.6	12.8

Table 4-52. Forest Acreage and Average Removal Rates (1987-1994) in Subwatershed 0604000108.

CROPS	TONS/ACRE/YEAR
Legumes (Pastureland)	0.41
Grass (Pastureland)	0.85
Grass (Hayland)	0.06
Legumes (Hayland)	0.45
Grass, Forbs, Legumes (Mixed Pasture)	1.29
Forest Land (Not Grazed)	0.00
Forest Land (Grazed)	0.00
Corn (Row Crops)	5.73
Cotton (Row Crops)	5.27
Sorghum (Row Crops)	1.71
Soybeans (Row Crops)	6.29
Wheat (Close-Grown Cropland)	2.98
Other Cropland not Planted	6.13
Conservation Reserve Program Lands	0.34
Non-Agricultural Land Use	0.00
Other Land in Farms	0.43
Farmsteads and Ranch Headquarters	0.40

Table 4-53. Annual Estimated Total Soil Loss in Subwatershed 0604000108.